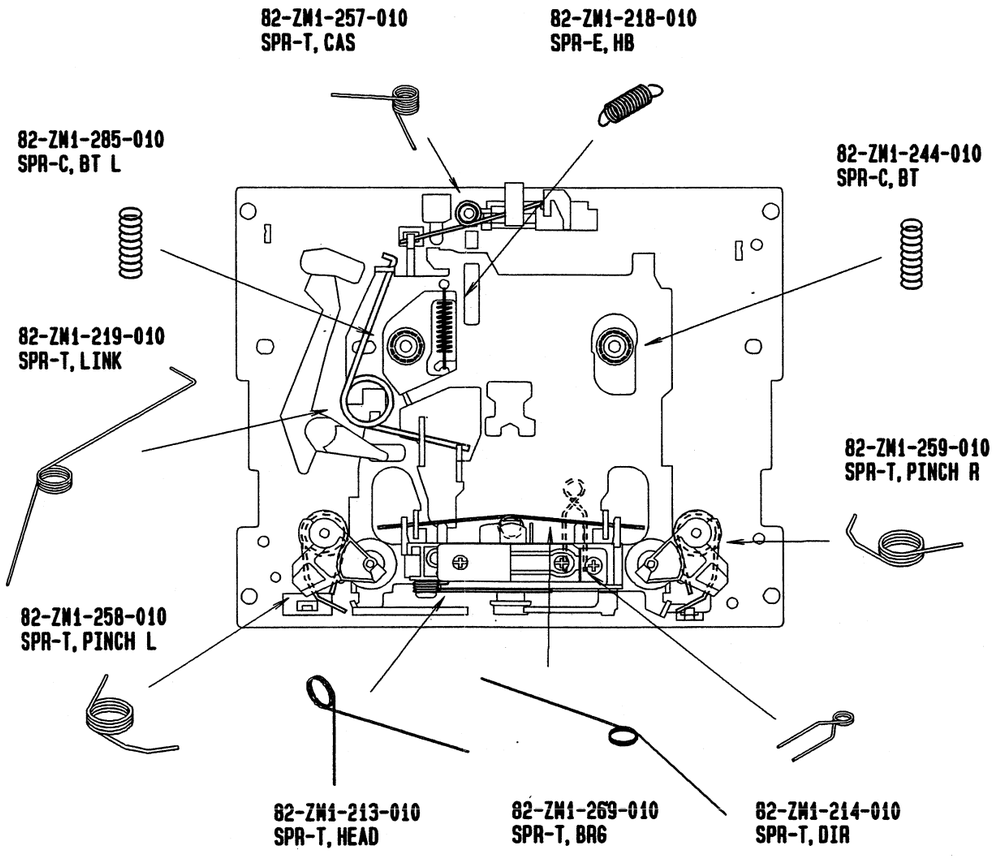
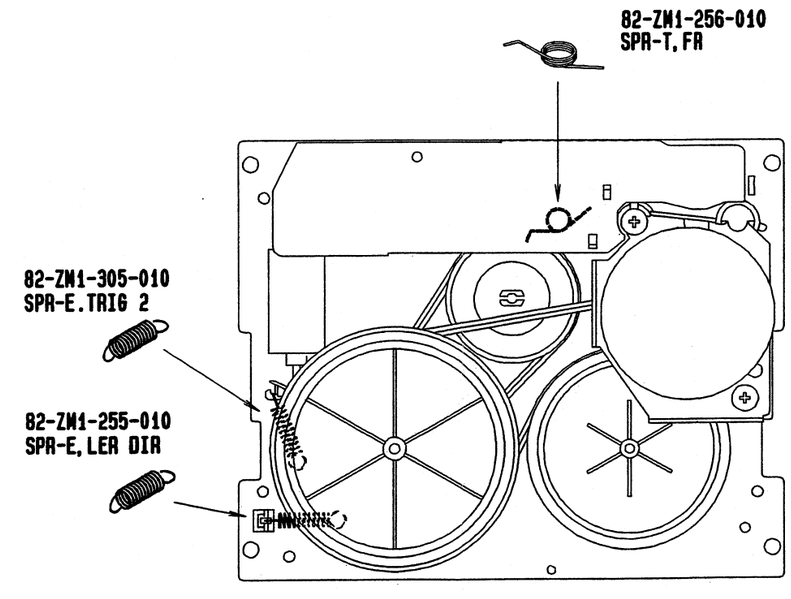
SPRING APPLICATION POSITION (FX-WZ7300)





MODEL NO.

GE-Z7300

CAUTIONS WHEN SERVICING (GE-Z7300)

Model GE-Z7300 does not have a power supply circuit and a control circuit.
Connect the GE-Z7300 to the MX-Z7300M/8300M, when servicing.

ELECTRICAL MAIN PARTS LIST

If can't understand for Description please kindly refer to " REFERENCE NAME LIST ".

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
IC			
	82-VU1-631-010		IC,LC65204A-4B13
	87-002-950-019		IC,BA3826S
	87-001-637-089		IC,NJM78ML05A
TRANSISTOR			
	89-320-011-089		TR,2SC2001K
	87-026-269-089		TR,DTA114ES
	87-026-245-089		TR,DTC114ES
	89-333-284-089		TR,2SC3328Y
	89-110-155-089		TR,2SA1015GR
DIODE			
	87-020-123-089		DIODE,DS446-AT(TA)
	87-027-323-089		ZENER,HZ22-2L
	87-027-347-089		ZENER,HZ182LT2
	87-020-691-089		DIODE,1SS132 T-72
MAIN C.B			
	81-DS2-204-219		GUIDE,FL
C20	87-010-405-089		CAP,E 10-50 SME
C21	87-018-209-089		CAP,TC-U 0.1-50 F
C22	87-010-075-089		CAP,E 10-16 5L
C23	87-010-408-089		CAP,E 47-50 SME
C24	87-014-061-089		CAP,PP 1500P-100 J
C25	87-015-699-089		CAP,E 10-50 7L
C26	87-018-134-089		CAP,TC-U 0.01-16 Y
C27	87-010-404-089		CAP,E 4.7-50 SME
C28	87-010-405-089		CAP,E 10-50 SME
C30	87-010-071-089		CAP,E 1-50 5L
C31	87-018-131-089		CAP,TC-U 1000P-50 B
C32	87-018-131-089		CAP,TC-U 1000P-50 B
C33	87-018-134-089		CAP,TC-U 0.01-16 Y
C34	87-018-134-089		CAP,TC-U 0.01-16 Y
C35	87-018-134-089		CAP,TC-U 0.01-16 Y
C36	87-018-134-089		CAP,TC-U 0.01-16 Y
C37	87-018-127-089		CAP,TC-U 470P-50 B
C38	87-018-127-089		CAP,TC-U 470P-50 B
C44	87-010-101-089		CAP,E 220-16 SME
C100	87-018-209-089		CAP,TC-U 0.1-50 F
C101	87-018-134-089		CAP,TC-U 0.01-16 Y
C102	87-010-078-089		CAP,E 47-6.3 5L
C103	87-010-078-089		CAP,E 47-6.3 5L
C104	87-018-131-089		CAP,TC-U 1000P-50
C105	87-018-134-089		CAP,TC-U 0.01-16 Y
FL1	82-VU1-630-010		FL,BJ126GK
FL2	82-VU1-630-010		FL,BJ126GK
L1	87-003-136-089		COIL,100UH
L3	87-003-147-089		COIL,22UH
R82	87-022-482-059		RES,NF 3.3-1/4WJ
R83	87-022-482-059		RES,NF 3.3-1/4WJ
S1	87-036-215-089		SW,TACT EVQ21404M
S2	87-036-215-089		SW,TACT EVQ21404M
S4	87-036-215-089		SW,TACT EVQ21404M
S5	87-036-215-089		SW,TACT EVQ21404M
S6	87-036-215-089		SW,TACT EVQ21404M
S7	87-036-215-089		SW,TACT EVQ21404M
S8	87-036-215-089		SW,TACT EVQ21404M
S9	87-036-215-089		SW,TACT EVQ21404M
S10	87-036-215-089		SW,TACT EVQ21404M
S11	87-036-215-089		SW,TACT EVQ21404M
S12	87-036-215-089		SW,TACT EVQ21404M
S13	87-036-215-089		SW,TACT EVQ21404M
S14	87-036-215-089		SW,TACT EVQ21404M
S15	87-036-215-089		SW,TACT EVQ21404M
S16	87-036-215-089		SW,TACT EVQ21404M
S17	87-036-215-089		SW,TACT EVQ21404M
S18	87-036-215-089		SW,TACT EVQ21404M
S19	87-036-215-089		SW,TACT EVQ21404M
S20	87-036-215-089		SW,TACT EVQ21404M
T1	82-VU1-615-019		COIL,FL
WH1	82-VU1-632-019		CORD,9P FG 55CM
X1	89-MX1-704-089		CERA LOCK(MU)3.9MHZ
X2	89-MX1-704-089		CERA LOCK(MU)3.9MHZ

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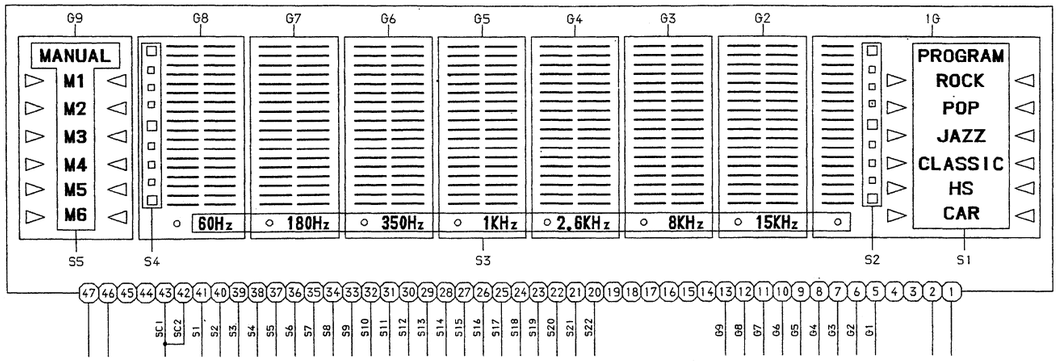
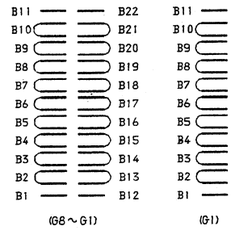
FL DISPLAY (GE-Z7300)

FL,BJ126GK
GRID ASSIGNMENT



ANODE CONNECTION



	G9	G8	G7	G6	G5	G4	G3	G2	G1
P1	▷ (M6) ◁	B1	B1	B1	B1	B1	B1	B1	B1
P2	▷ (M5) ◁	B2	B2	B2	B2	B2	B2	B2	B2
P3	▷ (M4) ◁	B3	B3	B3	B3	B3	B3	B3	B3
P4	▷ (M3) ◁	B4	B4	B4	B4	B4	B4	B4	B4
P5	▷ (M2) ◁	B5	B5	B5	B5	B5	B5	B5	B5
P6	▷ (M1) ◁	B6	B6	B6	B6	B6	B6	B6	B6
P7	S5	B7	B7	B7	B7	B7	B7	B7	B7
P8	—	B8	B8	B8	B8	B8	B8	B8	B8
P9	—	B9	B9	B9	B9	B9	B9	B9	B9
P10	—	B10	B10	B10	B10	B10	B10	B10	B10
P11	—	B11	B11	B11	B11	B11	B11	B11	B11
P12	—	B12	B12	B12	B12	B12	B12	B12	▷ (CAR) ◁
P13	—	B13	B13	B13	B13	B13	B13	B13	▷ (HS) ◁
P14	—	B14	B14	B14	B14	B14	B14	B14	▷ (CLASSIC) ◁
P15	—	B15	B15	B15	B15	B15	B15	B15	▷ (JAZZ) ◁
P16	—	B16	B16	B16	B16	B16	B16	B16	▷ (POP) ◁
P17	—	B17	B17	B17	B17	B17	B17	B17	▷ (ROCK) ◁
P18	—	B18	B18	B18	B18	B18	B18	B18	S1
P19	—	B19	B19	B19	B19	B19	B19	B19	—
P20	—	B20	B20	B20	B20	B20	B20	B20	—
P21	—	B21	B21	B21	B21	B21	B21	B21	—
P22	—	B22	B22	B22	B22	B22	B22	B22	—
P23	—	S4	—	—	—	—	—	—	S2
P24	—	S3	S3	S3	S3	S3	S3	S3	—

IC DESCRIPTION (GE-Z7300)

IC, LC65204A-4B13

Pin No.	Pin Name	I/O	Description
1	$\overline{S1}$	O	FL display segment output.
2	SC1 / 2	O	FL display control.
3	A	O	BA3826S output signal control.
4	B	O	
5	C	O	
6	ADS5	I	Sound ditect input. (DC level)
7	ADS6	I	AD input for key input.
8	ADS7	I	
9	AV+	-	Connected to +5V line.
10	AV-	-	GND.
11	VSS	-	GND.
12	OS1	-	X'tal terminal. (3.9MHz).
13	OS2	-	
14	VDD	-	Power supply. (+5V)
15	$\overline{RST}$	I	Reset signal input.
16	X1	I	Connected to +5V line.
17	X2	-	Not used. (not connected)
18	TEST	I	Connected to GND.
19	SI	I	Data input from CXP82324.
20	SO	O	Data output to CXP82324.
21	CLK	I	Clock signal input from CXP82324.
22	$\overline{CE}$	I	Strobe signal input from CXP82324.
23 ~ 26	PC0 ~ PC3	O	FL display grid drive signals.
27 ~ 30	PD0 ~ PD3	O	FL display grid drive signals.
31 ~ 34	PK0 ~ PK3	O	FL display segment output.
35 ~ 38	PL0 ~ PL3	O	
39 ~ 42	PM0 ~ PM3	O	
43 ~ 46	PN0 ~ PN3	O	
47 ~ 50	PO0 ~ PO3	O	
51	PPO	O	
52	VP	I	FL display power supply. (-30V)

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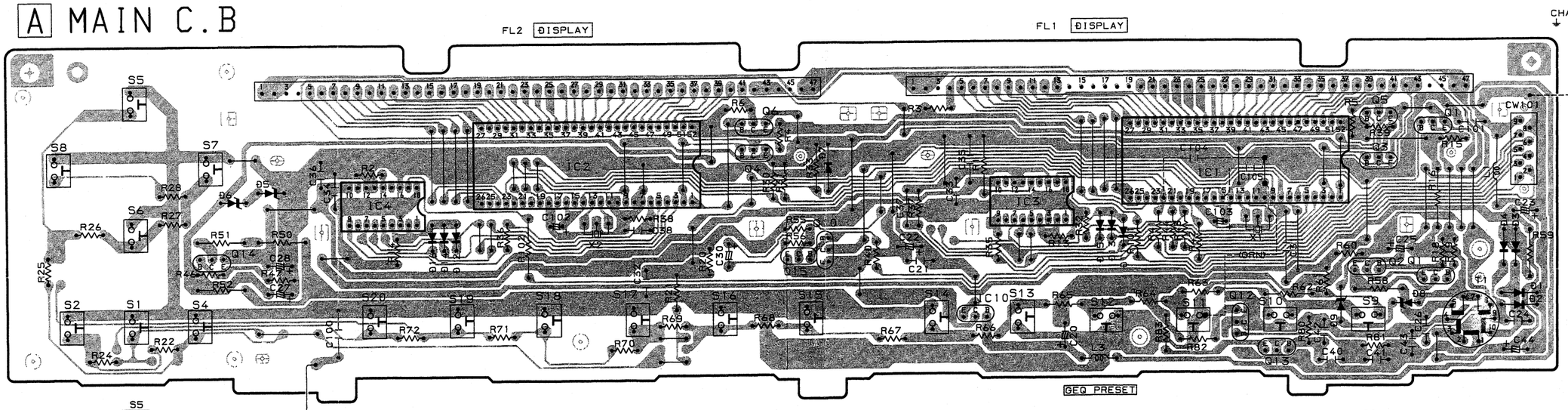
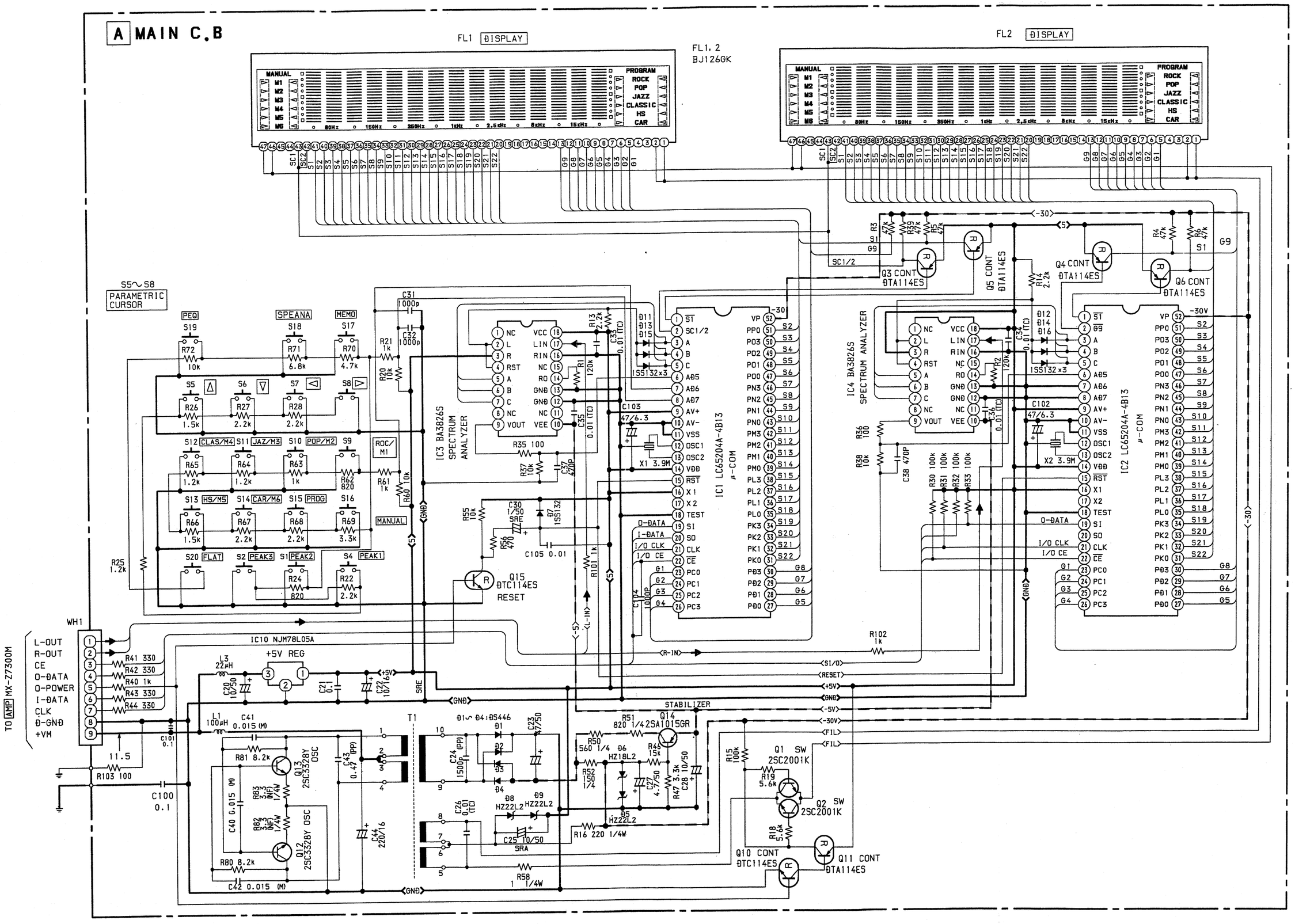
1 2 3 4 5 6 7 8 9 10 11 12 13 14

A B C D E F G H I J

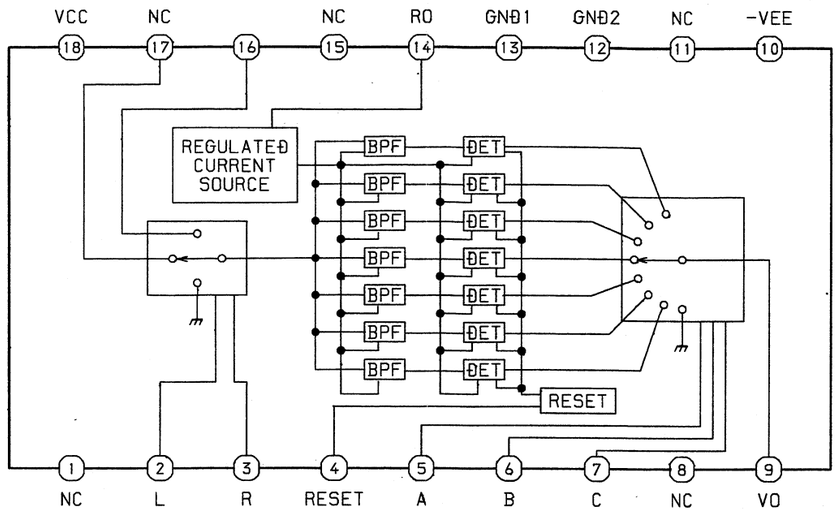
A MAIN C.B




A MAIN C.B
FL1 DISPLAY
FL1, 2
BJ126GK
FL2 DISPLAY
MANUAL
M1
M2
M3
M4
M5
M6
PROGRAM
ROCK
POP
JAZZ
CLASSIC
HS
CAR
80Hz
150Hz
350Hz
1kHz
2.5kHz
8kHz
15kHz
S5~S8
PARAMETRIC
CURSOR
PEQ
SPEANA
MEMO
S19
S18
S17
S5
S6
S7
S8
S12 CLAS/M4
S11 JAZ/M3
S10 POP/M2
S9
S13 HS/M5
S14 CAR/M6
S15 PROG
S16
S20 FLAT
S2 PEAK3
S1 PEAK2
S4 PEAK1
ROC/M1
MANUAL
IC3 BA3826S SPECTRUM ANALYZER
IC4 BA3826S SPECTRUM ANALYZER
IC1 LC65204A-4B13 μ-COM
IC2 LC65204A-4B13 μ-COM
Q3 CONT ĐTA114ES
Q4 CONT ĐTA114ES
Q5 CONT ĐTA114ES
Q6 CONT ĐTA114ES
Q15 ĐTC114ES RESET
Q10 CONT ĐTC114ES
Q11 CONT ĐTA114ES
Q1 SW 2SC2001K
Q2 SW 2SC2001K
Q12 2SC3328Y OSC
Q13 2SC3328Y OSC
Q14 2SA1015GR STABILIZER
WH1
TO AMP MX-Z7300M
L-OUT
R-OUT
CE
O-ĐATA
O-POWER
I-ĐATA
CLK
Đ-GNĐ
+VM
IC10 NJM78L05A
+5V REG
T1
SC1/2
SI/O
RESET
+5V
GNĐ
-5V
-30V
FIL
R-IN
L-IN
SRE
SRA
STABILIZER

IC BLOCK DIAGRAM – 1 (GE-Z7300)

IC, BA3826S



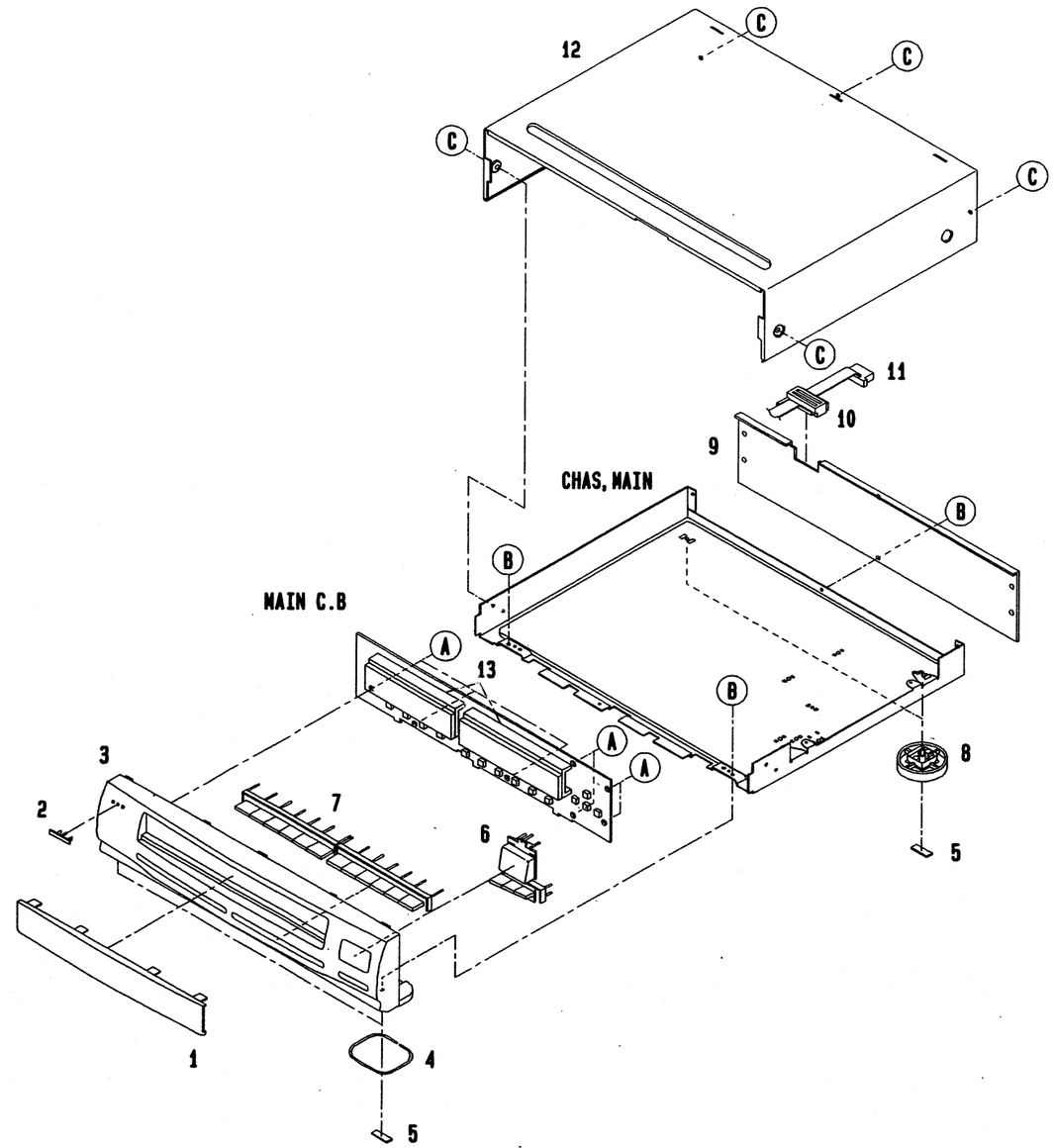
INPUT SELECTOR LOGIC TABLE

SELECTOR		INPUT
L (5PIN)	R (6PIN)	
L	L	UNDETERMINED
L	H	L IN
H	L	R IN
H	H	OFF

OUTPUT SELECTOR LOGIC TABLE

SELECT			OUTPUT
A (5PIN)	B (6PIN)	C (7PIN)	C (7PIN)
H	H	H	0
L	H	H	F01
H	L	H	F02
L	L	H	F03
H	H	L	F04
L	H	L	F05
H	L	L	F06
L	L	L	F07

MECHANICAL EXPLODED VIEW 1 / 1 (GE-Z7300)



MECHANICAL PARTS LIST 1 / 1 (GE-Z7300)

If can't understand for Description please kindly refer to " REFERENCE NAME LIST ".

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	85-VU1-005-019		WINDOW,DISPLAY
2	82-NE8-032-019		BADGE AIWA 27.5
3	85-VU2-001-019		CAB,FR
4	84-VM5-013-010		RING,FOOT
5	82-VW2-211-019		FELT,20-7.5-2
6	85-VU1-004-019		KEY,CRSR
7	85-VU1-003-019		KEY,GEQ
8	81-VX1-012-019		FOOT, REAR
9	85-VU2-004-019		PANEL,REAR YBN<Y>
9	85-VU2-005-019		PANEL,REAR YJBN<YJ>
10	89-VT5-202-010		BUSHING CORD
11	82-VU1-632-019		CORD 9PFG55CM
12	82-VT1-009-119		CAB,STEEL
13	81-DS2-204-219		GUIDE FL
A	87-067-703-019		BVT2+3-10 (W/O SLOT)
B	87-067-660-019		BVT2+3-8W/O SLOT BLK
C	87-067-641-019		UTT2+3-8 W/O SLOT BLK